

Flood Control Project Maintenance
2019 Structure Summary Report
Overall Unit and Item Ratings

Merced Streams Group

Black Rascal Creek Drop Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	M
	Revetments	N
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2019 Structure Summary Report
Overall Unit and Item Ratings

Merced Streams Group (cont.)

Owens Creek Siphon Structure

Overall Unit Rating	Rated Item	Item Rating
M	Photo Documentation	N
	Vegetation & Obstructions	U
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	N
	Encroachments	A
	Culverts: Inlets / Outlets	M
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
Unit Cover Sheet
2019 Structure Inspection Results

Merced Streams Group

Structure
Black Rascal Creek Drop Structure

Structure Rating	A
Date of Inspection	8/1/2019
DWR Inspector	Luz Dial
Accompanied By	Oscar Ortiz Merced Streams Group

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_1				
Action/Comments					

Photo 1 of 3 : ST_2019_NA0013_28_1_20190809_00012.jpg



View of drop structure from the left bank. Summer 2019

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2019_NA0013_28_1_20190809_00013.jpg



View of abutments from left bank. Summer 2019

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2019_NA0013_28_1_20190619_00002.jpg



View of abutments from left bank. Summer 2018

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_2				
Action/Comments					
Inspector Comments: Remove Arundo on the right bank downstream of the structure.					

Photo 1 of 1 : ST_2019_NA0013_28_2_20190809_00014.jpg



View of Arundo on right bank downstream of structure. Summer 2019

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_3				
Action/Comments					

No Photos

LM Start	0.00	Rating **	M	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_4				
Action/Comments					
Inspector Comments: Monitor erosion adjacent to left bank abutment.					

Photo 1 of 1 : ST_2019_NA0013_28_4_20190809_00016.jpg



View of minor erosion on the left bank adjacent to abutment. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Revetments	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_5				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Encroachments	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_6				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_7				
Action/Comments					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_8				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_9				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_10				
Action/Comments					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_11				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_12				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_13				
Action/Comments					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_14				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Concrete Surfaces	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_15				
Action/Comments					

Photo 1 of 2 : ST_2019_NA0013_28_15_20190809_00018.jpg



View of left and right bank abutments. Summer 2019

Photo 2 of 2 : ST_2019_NA0013_28_15_20190809_00017.jpg



View of right bank abutment. Summer 2019

LM Start	0.00	Rating **	A	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Tilting / Settlement	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_16				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_17				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_18				
Action/Comments					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_19				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2019_20				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_21				
Action/Comments					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_22				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_23				
Action/Comments					

Photo 1 of 2 : ST_2019_NA0013_28_23_20190809_00019.jpg



View of fencing along both banks. Summer 2019

Photo 2 of 2 : ST_2019_NA0013_28_23_20190619_00009.jpg



View of fence along left bank. Summer 2018

LM Start	0.00	Rating **	A	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_24				
Action/Comments					
Inspector Comments: The O+M manual is located at the LMA office.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance

Unit Cover Sheet

2019 Structure Inspection Results

Merced Streams Group

Structure
Owens Creek Siphon Structure

Structure Rating	M
Date of Inspection	8/1/2019
DWR Inspector	Luz Dial
Accompanied By	Oscar Ortiz Merced Streams Group

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_1				
Action/Comments					

Photo 1 of 4 : ST_2019_NA0013_51_1_20190809_00012.jpg



View of the Owens Creek Siphon Structure from the east. Summer 2019

Photo 2 of 4 : ST_2019_NA0013_51_1_20190809_00013.jpg



View of the Owens Creek Siphon Structure from the west. Summer 2019

Photo 3 of 4 : ST_2019_NA0013_51_1_20190809_00014.jpg



View of the outlet of the siphon structure. Summer 2019

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Photo Documentation	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_1				
Action/Comments					

Photo 4 of 4 : ST_2019_NA0013_51_1_20190619_00001.jpg



View of siphon inlet structure. Summer 2018

LM Start	0.00	Rating **	U	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_2				
Action/Comments					
Inspector Comments: Woody vegetation and log jams may impede flows.					

Photo 1 of 4 : ST_2019_NA0013_51_2_20190809_00015.jpg



View of vegetation obstructing view of inlet. Summer 2019

LM Start	0.00	Rating **	U	Issue No.	2 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST_2019_NA0013_51_2_20190809_00016.jpg



View of vegetation obstructing view of inlet. Summer 2019

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	U	Issue No.	2 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation & Obstructions			37.262648 °	37.262648 °	
				-120.288194 °	-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_2					
Action/Comments						
Inspector Comments: Woody vegetation and log jams may impede flows.						

Photo 3 of 4 : ST_2019_NA0013_51_2_20190809_00017.jpg



View of vegetation downstream of structure. Summer 2019

LM Start	0.00	Rating **	U	Issue No.	2 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 4 of 4 : ST_2019_NA0013_51_2_20190619_00009.jpg



Looking at the vegetation on the right bank of the inlet. Summer 2017

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_3				
Action/Comments					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_4				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			37.262648	°	
				-120.288194	°	
DWR ID	DWR_NA0013_51_t_2016_5					
Action/Comments						

No Photos

LM Start	0.00	Rating **	A	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.262648	°	37.262648
				-120.288194	°	-120.288194
DWR ID	DWR_NA0013_51_t_2016_6					
Action/Comments						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

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Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	M	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_7				
Action/Comments					
Inspector Comments: Remove tree log and other debris at the inlet and outlet.					

Photo 1 of 2 : ST_2019_NA0013_51_7_20190809_00020.jpg



View of tree log and debris at the inlet. Summer 2019

LM Start	0.00	Rating **	M	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2019_NA0013_51_7_20190809_00019.jpg



View of debris at the outlet. Summer 2019

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_8				
Action/Comments					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Levee Inspections**

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Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_9				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_10				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Flap Gates			37.262648 °	37.262648 °	
				-120.288194 °	-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_11					
Action/Comments						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.262648 °	37.262648 °
				120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_12				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Electric Gate Operators			37.262648	°	
				-120.288194	°	
DWR ID	DWR_NA0013_51_t_2016_13					
Action/Comments						

No Photos

LM Start	0.00	Rating **	N	Issue No.	14	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Manual Gate Operators			37.262648	°	37.262648
				-120.288194	°	-120.288194
DWR ID	DWR_NA0013_51_t_2016_14					
Action/Comments						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2018_15				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_16				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Foundations			37.262648 °	37.262648 °	
				-120.288194 °	-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_17					
Action/Comments						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_18				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.262648 °	37.262648 °
				120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_19				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.262648 °	37.262648 °
				-120.288194 °	37.288194 °
DWR ID	DWR_NA0013_51_t_2016_20				
Action/Comments					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_21				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_22				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Safety			37.262648 °		37.262648 °
				-120.288194 °		-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_23					
Action/Comments						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2019

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		08/01/2019 08/01/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.262648 °	°
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_24				
Action/Comments					
Inspector Comments: The District has the O&M manual.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement